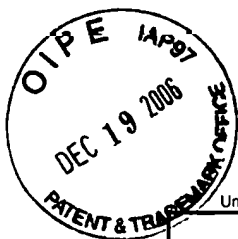




*IPW*

AMENDMENT TRANSMITTAL LETTER				Docket No. 31978-201641	
Application No. 10/809,688-Conf. #8599		Filing Date March 26, 2004		Examiner J. Tung	Art Unit 1637
Applicant(s): Katsuhiko Yanagihara et al.					
Invention: DETECTION OF NUCLEIC ACID SEQUENCE VARIATIONS USING PHAGE MU TRANSPOSASE					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	36	- 36 =	0	x 50.00	0.00
Independent Claims	6	- 6 =	0	x 200.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>0.00</b>
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>22-0261</u> as described below. A fee transmittal is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
<u>Nancy J. Axelrod</u> Nancy J. Axelrod Attorney/Agent Reg. No.: 44,014				Dated: <u>December 19, 2006</u>	
VENABLE LLP P.O. Box 34385 Washington, DC 20043-9998 (202) 344-4000					



PTO/SB/17 (07-06)  
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<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b>		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2006</b>		Application Number	10/809,688-Conf. #8599
		Filing Date	March 26, 2004
		First Named Inventor	Katsuhiko Yanagihara
		Examiner Name	J. Tung
		Art Unit	1637
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	31978-201641
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b> 0.00		

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: <u>22-0261</u> Deposit Account Name: <u>Venable LLP</u>
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<b>Small Entity</b>		<b>Small Entity</b>		<b>Small Entity</b>	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
						<b>Small Entity</b>	
						<b>Fee (\$)</b>	<b>Fee (\$)</b>
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<b>Total Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>		
36		- 56 = 0	x 50.00 =	0.00	<b>Fee (\$)</b> <b>Fee Paid (\$)</b>		
HP = highest number of total claims paid for, if greater than 20.							
<b>Indep. Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
6		- 9 = 0	x 200.00 =	0.00			
HP = highest number of independent claims paid for, if greater than 3.							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>		
	- 100 =	/50	(round up to a whole number) x				
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)						<b>Fees Paid (\$)</b>	
Other (e.g., late filing surcharge):							

<b>SUBMITTED BY</b>			
Signature	<u>Nancy Axelrod</u>	Registration No. (Attorney/Agent)	44,014
Name (Print/Type)	Nancy J. Axelrod	Telephone	(202) 344-4000
		Date	December 19, 2006



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Katsuhiko YANAGIHARA *et al.*

Application No.: 10/809,688

Filed: March 26, 2004

For: DETECTION OF NUCLEIC ACID  
SEQUENCE VARIATIONS USING  
PHAGE MU TRANSPOSASE

Confirmation No.: 8599

Art Unit: 1637

Examiner: Joyce TUNG

Atty. Docket No. 31978-201641

Customer No.:

**45323**

PATENT TRADEMARK OFFICE

**REPLY**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed on October 4, 2006, in the above-referenced application, please consider the remarks that follow:

**Listing of the Claims** begins on page 2 of this paper.

**Remarks** begin on page 9 of this paper